

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A print job management apparatus that stores a plurality of print jobs sent from at least one print data generating apparatus into a buffer and causes a printer to adequately carry out printing operations corresponding to the plurality of print jobs, said print jobs including ~~at least one~~ a non-interactive print job and an interactive print job that needs mutual communication established between said print data generating apparatus and said printer, said print job management apparatus comprising:

a job form decision unit configured to determine whether ~~or not~~ each print job of interest among the plurality of print jobs is said interactive print job or the non-interactive print job;

~~an interactive~~ a print job input unit that stacks interactive print job data and non-interactive print job data into the buffer, when the print job of interest is the interactive print job, stacks only data consisting of a predetermined type of data being set to the interactive print job in a specific form without representing all drawing details of the print job, the non-interactive print job data including print data representing all drawing details of the print job;
and

an interactive print job execution unit configured to establish mutual communication between said print data generating apparatus and said printer ~~and~~ to carry out interactive printing at a specific timing determined by stacking condition of said predetermined type of data in the buffer; and

a non-interactive print job execution unit configured to carry out non-interactive printing at a specific timing determined by stacking condition of the non-interactive print job data in the buffer by transmitting the non-interactive print data to said printer without

establishing mutual communication between said print data generating apparatus and said printer.

Claim 2 (Original): A print job management apparatus in accordance with claim 1, wherein said print data generating apparatus is connected with said printer via a network.

Claim 3 (Previously Presented): A print job management apparatus in accordance with claim 1, wherein the predetermined type of data set in said interactive print job input unit is job information data, which includes at least information specifying that the print job of interest is the interactive print job and information specifying a print data generating apparatus that has transmitted the print job of interest.

Claim 4 (Original): A print job management apparatus in accordance with claim 1, wherein said print job input unit outputs a specific interruption signal to a print data generating apparatus, which is transmitting the print job of interest, to discontinue the transmission of the print job when it is determined that the print job of interest is the interactive print job.

Claim 5 (Original): A print job management apparatus in accordance with claim 1, wherein said interactive print job execution unit carries out printing not via said buffer.

Claim 6 (Original): A print job management apparatus in accordance with claim 1, said print job management apparatus being incorporated in said printer.

Claim 7 (Original): A print job management apparatus in accordance with claim 2, wherein said job form decision unit carries out the determination, based on a communication protocol specified when the print job of interest is transmitted as packet data via a network.

Claim 8 (Original): A print job management apparatus in accordance with claim 7, wherein said job form decision unit determines that the print job of interest is the interactive print job when the communication protocol specified is AppleTalk.

Claim 9 (Original): A print job management apparatus in accordance with claim 1, wherein the interactive print job is data that specifies a target image to be printed in a page description language, which can be interpreted and executed by said printer.

Claim 10 (Original): A print job management apparatus in accordance with claim 1, wherein the interactive print job is data including a predetermined header, and said job form decision unit carries out the determination based on the predetermined header.

Claim 11 (Currently Amended): A method of managing print jobs in a system that stores a plurality of print jobs sent from at least one print data generating apparatus into a buffer and causes a printer to adequately carry out printing operations corresponding to the plurality of print jobs, said print jobs including ~~at least one~~ a non-interactive print job and an interactive print job on the premise that mutual communication is established between said print data generating apparatus and said printer, said method comprising the steps of:

(a) determining whether ~~or not~~ each print job of interest among the plurality of print jobs is said interactive print job or the non-interactive print job;

(b) ~~when the print job of interest is~~ stacking interactive print job data and non-interactive print job data into the buffer, the interactive print job, ~~stacking only data consisting of~~ a predetermined type of data ~~being set to the interactive print job~~ in a specific form without representing all drawing details of the print job, the non-interactive print job data including print data representing all drawing details of the print job; and

(c) establishing mutual communication between said print data generating apparatus and said printer ~~and carrying to carry out~~ interactive printing at a specific timing determined by stacking condition of the predetermined type of data in the buffer; and

(d) carrying out non-interactive printing at a specific timing determined by stacking condition of the non-interactive print job data in the buffer by transmitting the non-interactive print data to said printer without establishing mutual communication between said print data generating apparatus and said printer.

Claim 12 (Currently Amended): A recording medium in which a specific program is recorded in a computer readable manner, said specific program making a plurality of print jobs sent from at least one print data generating apparatus stored into a buffer and causing a printer to adequately carry out printing operations corresponding to the plurality of print jobs, said print jobs including ~~at least one~~ a non-interactive print job and an interactive print job on the premise that mutual communication is established between said print data generating apparatus and said printer, said specific program attaining the functions of:

determining whether ~~or not~~ each print job of interest among the plurality of print jobs is said interactive print job or the non-interactive print job;

~~when the print job of interest is~~ stacking interactive print job data and non-interactive print job data into the buffer, the interactive print job, ~~stacking only data consisting of~~ a predetermined type of data ~~being set to the interactive print job~~ in a specific form without

representing all drawing details of the print job, the non-interactive print job data including print data representing all drawing details of the print job; and

establishing mutual communication between said print data generating apparatus and said printer ~~and carrying~~ to carry out interactive printing at a specific timing determined by stacking condition of the predetermined type of data in the buffer; and

carrying out non-interactive printing at a specific timing determined by stacking condition of the non-interactive print job data in the buffer by transmitting the non-interactive print data to said printer without establishing mutual communication between said print data generating apparatus and said printer.